

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATIONYOR920030494US1
(590.119)

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

AUTOMATIC CRASH RECOVERY IN COMPUTER OPERATING SYSTEMS

the specification of which (check one)

 x is attached hereto.

_____ was filed on _____ as International Business Machines Docket No. YOR920030494US1

and was amended on _____ (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application, having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			Priority Claimed
_____	_____	_____	<u> </u> Yes <u> </u> No
(Number)	(Country)	(Day/Month/Year Filed)	
_____	_____	_____	<u> </u> Yes <u> </u> No
(Number)	(Country)	(Day/Month/Year Filed)	
_____	_____	_____	<u> </u> Yes <u> </u> No
(Number)	(Country)	(Day/Month/Year Filed)	

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

_____	_____
(Application Number)	(Filing Date)
_____	_____
(Application Number)	(Filing Date)

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

I hereby claim the benefit under 35 U.S.C. §120 of any United States Application(s), or §365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States, or PCT International application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose information material to the patentability of this application as defined in 37 CFR § 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)

(Filing Date)

(Status) (patented, pending, abandoned)

(Application Serial No.)

(Filing Date)

(Status) (patented, pending, abandoned)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (list name and registration number).

Richard M. Ludwin (Reg. 33,010), Kevin M. Jordan (Reg. 40,277), Christopher A. Hughes (Reg. 26,914), John E. Hoel (Reg. 26,279), Joseph C. Redmond, Jr. (Reg. 18,753), Douglas W. Cameron (Reg. 31,596), Wan Yee Cheung (Reg. 42,410), Thu Ann Dang (Reg. 41,544), Louis P. Herzberg (Reg. 41,500), Derek S. Jennings (Reg. No. 41,473), Stephen C. Kaufman (Reg. 29,551), Daniel P. Morris (Reg. 32,053), Alison D. Mortinger (Reg. 39,306), Louis A. Percello (Reg. 33,206), Robert M. Trepp (Reg. 25,933), Gail H. Zarick (Reg. 43,303), and Rafael Perez-Pineiro (Reg. 46,041).

Send Correspondence to: the address associated with Customer Number 35195

Direct Telephone Calls to: (name and telephone number) Stanley D. Ference III, (412) 741-8400

Richard E. Harper

Full name of sole or first inventor

Richard E. Harper

Inventor's Signature

Date

2/27/04

104 Chesley Court, Chapel Hill, North Carolina 27514 USA

Residence

USA

Citizenship

Same as above

Post Office Address

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Jason D. LaVoie

Full name of second joint-inventor, if any

Inventor's Signature

Date

75 Chestnut Ridge Road, Mahopac, New York 10541, USA

Residence

USA

Citizenship

Same as above

Post Office Address

Charles O. Schulz

Full name of third joint-inventor, if any

Inventor's signature

Date

94 Bob Hill Road, Ridgefield, Connecticut 06877, USA

Residence

USA

Citizenship

Same as above

Post Office Address

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

YOR920030494US1
(590.119)

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

AUTOMATIC CRASH RECOVERY IN COMPUTER OPERATING SYSTEMS

the specification of which (check one)

☒ is attached hereto.

_____ was filed on _____ as International Business Machines Docket No. YOR920030494US1
and was amended on _____ (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application, having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)

Priority Claimed

_____	_____	_____	_____ Yes _____ No
(Number)	(Country)	(Day/Month/Year Filed)	
_____	_____	_____	_____ Yes _____ No
(Number)	(Country)	(Day/Month/Year Filed)	
_____	_____	_____	_____ Yes _____ No
(Number)	(Country)	(Day/Month/Year Filed)	

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

_____	_____
(Application Number)	(Filing Date)
_____	_____
(Application Number)	(Filing Date)

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

I hereby claim the benefit under 35 U.S.C. §120 of any United States Application(s), or §365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States, or PCT International application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose information material to the patentability of this application as defined in 37 CFR § 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
--------------------------	---------------	---

(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
--------------------------	---------------	---

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true, and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (list name and registration number).

Richard M. Ludwin (Reg. 33,010), Kevin M. Jordan (Reg. 40,277), Christopher A. Hughes (Reg. 26,914), John E. Hoel (Reg. 26,279), Joseph C. Redmond, Jr. (Reg. 18,753), Douglas W. Cameron (Reg. 31,596), Wan Yee Cheung (Reg. 42,410), Thu Ann Dang (Reg. 41,544), Louis P. Herzberg (Reg. 41,500), Derek S. Jennings (Reg. No. 41,473), Stephen C. Kaufman (Reg. 29,551), Daniel P. Morris (Reg. 32,053), Alison D. Mortinger (Reg. 39,306), Louis J. Percello (Reg. 33,206), Robert M. Trepp (Reg. 25,933), Gail H. Zarick (Reg. 43,303), and Rafael Perez-Pineiro (Reg. 46,041).

Send Correspondence to: the address associated with Customer Number 35195

Direct Telephone Calls to: (name and telephone number) Stanley D. Ference III, (412) 741-8400

Richard E. Harper

Full name of sole or first inventor

Inventor's Signature

Date

104 Chesley Court, Chapel Hill, North Carolina 27514 USA

Residence

USA

Citizenship

Same as above

Post Office Address

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Jason D. LaVoie

Full name of second joint-inventor, if any

Jason D. LaVoie

Inventor's Signature

02/27/2004

Date

75 Chestnut Ridge Road, Mahopac, New York 10541, USA

Residence

USA

Citizenship

Same as above

Post Office Address

Charles O. Schulz

Full name of third joint-inventor, if any

Inventor's signature

Date

94 Bob Hill Road, Ridgefield, Connecticut 06877, USA

Residence

USA

Citizenship

Same as above

Post Office Address

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

YOR920030494US1
(590.119)

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name;

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

AUTOMATIC CRASH RECOVERY IN COMPUTER OPERATING SYSTEMS.

the specification of which (check one)

☒ is attached hereto.

_____ was filed on _____ as International Business Machines Docket No. YOR920030494US1

and was amended on _____ (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119(a)-(d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application, having a filing date before that of the application on which priority is claimed:

Prior Foreign Application(s)			Priority Claimed
(Number)	(Country)	(Day/Month/Year Filed)	<input type="checkbox"/> Yes <input type="checkbox"/> No
_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No
_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No
_____	_____	_____	<input type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim the benefit under 35 U.S.C. §119(e) of any United States provisional application(s) listed below.

_____	_____
(Application Number)	(Filing Date)
_____	_____
(Application Number)	(Filing Date)

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

I hereby claim the benefit under 35 U.S.C. §120 of any United States Application(s), or §365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States, or PCT International application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose information material to the patentability of this application as defined in 37 CFR § 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
--------------------------	---------------	---

(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
--------------------------	---------------	---

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon.

POWER OF ATTORNEY: As a named inventor I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (list name and registration number).

Richard M. Ludwin (Reg. 33,010), Kevin M. Jordan (Reg. 40,277), Christopher A. Hughes (Reg. 26,914), John E. Hoel (Reg. 26,279), Joseph C. Redmond, Jr. (Reg. 18,753), Douglas W. Cameron (Reg. 31,596), Wan Yee Cheung (Reg. 42,410), Thu Ann Dang (Reg. 41,544), Louis P. Herzberg (Reg. 41,500), Derek S. Jennings (Reg. No. 41,473), Stephen C. Kaufman (Reg. 29,551), Daniel P. Morris (Reg. 32,053), Alison D. Mortinger (Reg. 39,306), Louis J. Percello (Reg. 33,206), Robert M. Trepp (Reg. 25,933), Gail H. Zarick (Reg. 43,303), and Rafael Perez-Pineiro (Reg. 46,041).

Send Correspondence to: the address associated with Customer Number 35195

Direct Telephone Calls to: (name and telephone number) Stanley D. Ference III, (412) 741-8400

Richard E. Harper

Full name of sole or first inventor

Inventor's Signature

Date

104 Chesley Court, Chapel Hill, North Carolina 27514 USA

Residence

USA

Citizenship

Same as above

Post Office Address

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

Jason D. LaVoie

Full name of second joint-inventor, if any

Inventor's Signature

Date

75 Chestnut Ridge Road, Mahopac, New York 10541, USA

Residence

USA

Citizenship

Same as above

Post Office Address

Charles O. Schulz

Full name of third joint-inventor, if any

Char O. Schulz

Inventor's signature

27 February 2004

Date

94 Bob Hill Road, Ridgefield, Connecticut 06877, USA

Residence

USA

Citizenship

Same as above

Post Office Address